PARABAFFLE plus **MPA2G36LS26U**

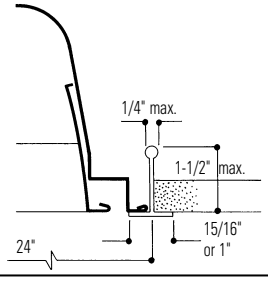
2'x2' RECESSED FLUORESCENT, 1 1/2" DEEP, 36 CELL PARABOLIC LOUVER
STATIC OR AIR SUPPLY/RETURN, 2-6"U LAMP, T8 OR T12

FEATURES

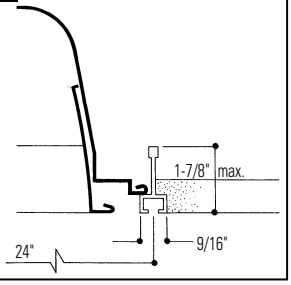
- 5" deep body.
- 3 1/2" x 3 1/2" cell size.
- 58.2% efficient.
- Clean contoured interior.
- Eyeleted heat removal vents in fixture ends.
- One-piece housing has ribbed construction for added strength.
- Hemmed over side rails for safe handling.
- Fixture ends turned-in for safe handling.
- Built-in earthquake clips (patent no. 5,072,344).
- Pre-anodized aluminum parabolic louver.
- Vertical grain louver eliminates reflected lamp images on cross baffle.
- Spring-loaded rooster head latches.
- 18 gauge steel hinges.
- Louver frame with integral positive light stop.
- Louver has protective film dust guard.
- Construction to meet Chicago Plenum is available.

MOUNTING METHODS

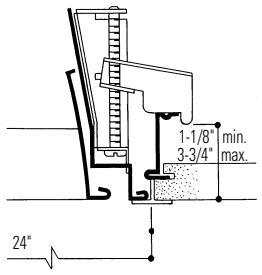
G exposed T-grid ceiling.



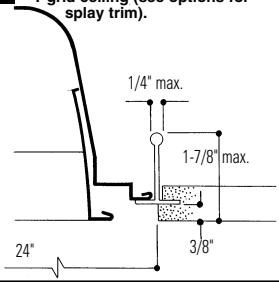
T exposed slot T-grid ceiling.



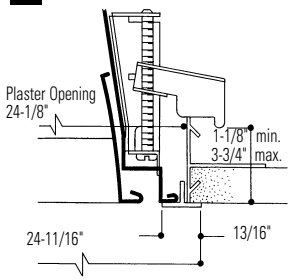
F concealed Z-spline ceiling.



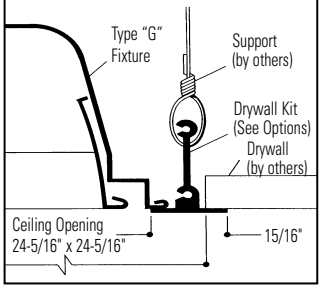
T direct concealed two directional T-grid ceiling (see options for splay trim).



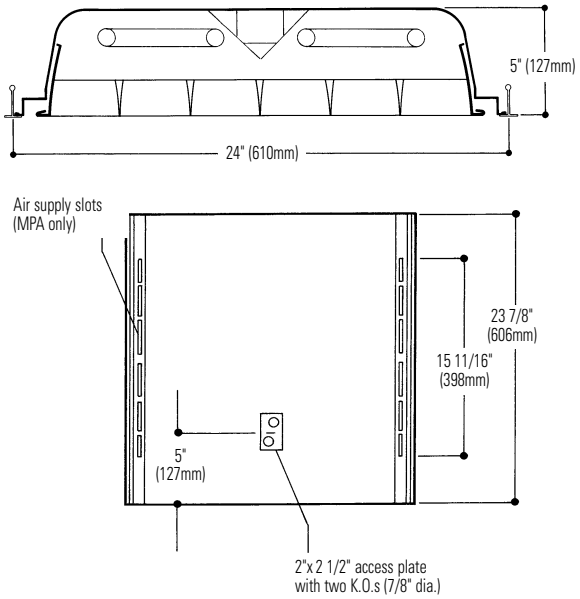
F plaster ceiling/flanged.



drywall kit. (See options)



DIMENSIONS



Job Information **Type:**

Job Name:

Cat. No.:

Lamp(s):

Volts/Ballast:

Lightolier a Genlyte Thomas Company www.lightolier.com
Technical Information: (978) 657-7600 • Fax (978) 658-0595
631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
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LIGHTOLIER®

2'x2' RECESSED FLUORESCENT, 1 1/2" DEEP, 36 CELL PARABOLIC LOUVER STATIC OR AIR SUPPLY/RETURN, 2-6"U LAMP, T8 OR T12

PHOTOMETRY

MODEL NO. MPA2G36LS26U

TESTING LABORATORY

45 Industrial Way
Wilmington, MA 01887
(978) 657-7600

REPORT NO.: G00033 DATE: 02-25-2000
CATALOG NO.: MPA2G36LS26U120SO
LAMP(S): 2 T8 U6, EACH RATED 2750 LUMENS.
LUMINAIRE: NEW 2X2 TROFFER WITH 6X6 SOFTCELL LOUVER
MOTOROLA M2-IN-T8-GP-D-120
0.47 AMPS 57.3 WATTS

CANDELA DISTRIBUTION

	FLUX					
	0.0	22.5	45.0	67.5	90.0	
0	1610	1610	1610	1610	1610	
5	1608	1606	1604	1609	1611	153
15	1515	1521	1521	1501	1485	425
25	1357	1354	1279	1253	1255	599
35	1143	1093	1024	1051	1092	672
45	889	804	814	995	1095	689
55	584	518	589	598	623	509
65	83	114	131	115	101	133
75	14	15	14	16	17	17
85	3	3	3	3	3	4
90	0	0	0	0	0	

ZONAL LUMEN SUMMARY

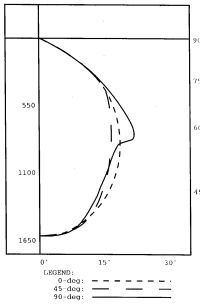
ZONE	LUMENS	%LAMP	%FIXT
0- 30	1177	21.4	36.8
0- 40	1849	33.6	57.8
0- 60	3047	55.4	95.2
0- 90	3201	58.2	100.0
90-180	0	0.0	0.0
0-180	3201	58.2	100.0

TOTAL LUMINAIRE EFFICIENCY = 58.2 %
TOTAL REFLECTANCE OF PAINT = 90.0 %
CIE TYPE - DIRECT

PLANE	: 0-DEG	90-DEG
SPACING CRITERIA	: 1.2	1.1
SHIELDING ANGLES	: 25	30
PLANE	: 0-DEG	90-DEG
LUMINOUS LENGTH	:21.000	21.000

LUMINANCE DATA IN CANDELA/SQ M

ANGLE IN DEG	AVERAGE 0-DEG	AVERAGE 45-DEG	AVERAGE 90-DEG
45	4417.	4045.	5441.
55	3577.	3608.	3816.
65	690.	1089.	840.
75	190.	190.	231.
85	121.	121.	121.



THIS REPORT IS BASED ON PUBLISHED INDUSTRY PROCECURES • FIELD PERFORMANCE MAY DIFFER FROM LABORATORY PERFORMANCE

Luminaire Efficacy Rating
LER-52.3 Watts-57.3 BF-0.87

coefficients of utilization — zonal cavity method

	RF	20			20			20		
	RC	80			50			30		
	RW	70	50	30	50	30	10	50	30	10
room cavity ratio	1	65	63	61	59	58	56	57	56	55
	2	60	56	53	53	51	49	51	49	48
	3	56	51	47	48	45	42	46	44	42
	4	51	45	41	43	40	37	42	39	37
	5	48	41	37	39	36	33	38	35	32
	6	44	37	33	36	32	29	35	31	29
	7	41	34	29	33	29	26	32	28	26
	8	38	31	27	30	26	23	29	26	23
	9	36	29	24	28	24	21	27	24	21
	10	34	27	22	26	22	19	25	22	19

visual comfort probability (VCP) average 100 fc; reflectances 80/50/20

room size			ceiling height					ceiling height			
W	L		8.5	10.0	13.0	16.0		8.5	10.0	13.0	16.0
20	20	luminaries lengthwise	79	73	66	73	luminaries crosswise	77	70	63	68
20	30		82	76	70	66		80	73	67	63
20	40		83	78	74	70		82	76	71	66
20	60		85	80	76	73		83	78	74	69
30	20		83	77	68	71		80	75	66	68
30	30		85	80	72	66		83	78	69	64
30	40		86	81	75	69		85	80	73	67
30	60		87	83	77	72		86	82	75	69
30	80		88	84	79	74		87	83	77	72
40	20		83	80	72	72		80	77	71	69
40	30		86	82	75	67		84	80	73	66
40	40		87	84	78	70		86	82	76	68
40	60		88	85	80	73		87	83	78	71
40	80		89	86	81	75		88	85	80	73
40	100		89	86	83	77		89	86	81	75
60	30		86	82	77	70		84	80	75	69
60	40		87	84	80	73		86	82	78	71
60	60		88	85	81	75		87	84	80	74
60	80		89	86	83	77		88	85	82	76
60	100		89	86	84	79		89	86	82	77
100	40		87	84	80	74		86	82	78	72
100	60		88	85	82	77		87	84	80	75
100	80		89	87	83	79		88	86	82	77
100	100		90	87	84	80		89	87	82	79

ORDERING INFORMATION

Explanation of Catalog Number. Example: MPA2G36LS26U120SORF

MP		2		36		S	2	6U			
PARABAFFLE 1-1/2" PARABOLIC: Pre-anodized aluminum louver	**BODY STYLE:** **A=**Air Supply **S=**Static	**FIXTURE WIDTH**	**CEILING TYPE:** **G**= Grid (lay-in T bar) **F**=Flanged (overlap) Z spline and plaster frame **T**=Slot grid or two-directional concealed T (see options)	**NUMBER OF CELLS**	**LOUVER FINISH*:** **L**= Low Iridescence Semi-specular (standard) **P**= Low Iridescence Specular **W**=White Baked Enamel	**SINGLE "V" REFLECTOR**	**LAMP QUANTITY**	**LAMP TYPE/ FIXTURE LENGTH:** 6"U Lamp T8 or T12 (Nominal 24")	**VOLTAGE:** 120 or 277	**BALLAST TYPE:** 1-2 Lamp Mag. T12 **LE** <20THD / <10THD; 1-2 Lamp Elec. T8 LOL T8 Dimming **SO*** / **HI***; **PS** / – ; *Instant Start Standard	**OPTIONS:** Add appropriate suffix to catalog no, ie: (RF)

Other dimming options. Consult factory.

OPTIONS & ACCESSORIES

PLASTER FRAME: Catalog Number: **PF22**.
CONTINUOUS ROW INSTALLATION: For F type fixtures, half-width flanges are required between fixtures. Order Catalog Number: **S2FCTRIM** (each joint).
SPLAY TRIM: For T ceiling type only. SUFFIX: **CTZ22 S2 SPLAY TRIM**.
RADIO INTERFERENCE FILTER: 120 or 277 volt, 50 or 60 Hz. One per fixture standard. SUFFIX: **RF**.
ELECTRICAL/WIRING OPTIONS: Consult factory.
AIR CLOSURE STRIP: SUFFIX: **ACS2** (factory installed).
DRYWALL KIT: Order Catalog Number: **FK92X2**. (Request Folio OA30-10)
CHICAGO PLENUM: SUFFIX: **CP**.

SPECIFICATIONS

PERFORMANCE: In an installation of 2 lamp 31W luminaires in a room cavity ratio of 1, with reflectance of 80% ceiling, 50% wall, 20% floor, the C.U. shall not be less than .63. To prevent glare the VCP shall be not less than 80 either lengthwise or crosswise (at 100fc level) and the average brightness at 65° shall not exceed 1089 candelas per square meter. To control veiling reflections, luminaire output in the 30°-90° zone shall not be less than 63.2%.
AIR HANDLING (MPA only) side air passages for air supply or air return. Supply air is discharged vertically. Optional side closure strips. Air return is also provided through the lamp compartment through fixture body ends.

SPECIFICATIONS (continued)

MATERIALS: Chassis parts are die-formed code gauge cold rolled steel. Housing is ribbed for rigidity with side rails hemmed over and housing ends turned-in for safe handling. **Louver** is pre-anodized aluminum (Coilzak® or equal).
FINISH: Chassis exterior–black baked polyester enamel. **Cavity**– white baked polyester enamel minimum 86% reflectance. Phosphate undercoating. **Louver**–low iridescence semi-specular anodized vertical grain aluminum reflector sheet is standard.
ELECTRICAL: Thermally protected class "P" ballast C.B.M. approved, non PCB. If K.O. is within 3" of ballast, use wire suitable for at least 90°.
LABELS: I.B.E.W. UL and ULc Listed.

Job Information	**Type:**

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